SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-DUOXA1 antibody

Catalog Number: SL11433R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DUOXA1
Immunogen:	KLH conjugated synthetic peptide derived from human DUOXA1: 101-200/343 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Pig, Rabbit)
Predicted MW.:	38kDa
Subcellular Location:	The cell membrane
Background:	DUOXA1 is a 343 amino acid multi-pass membrane protein that belongs to the DUOXA family and exists as multiple alternatively spliced isoforms. Expressed almost exclusively in thyroid tissue, but also present in esophageal tissue, DUOXA1 interacts with NUMB and is thought to be essential for the maturation and transport of functional DUOX1 from the endoplasmic reticulum to the plasma membrane. The gene encoding DUOXA1 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	chromosome 15-localized genes. **Function:** May be required for the maturation and the transport from the endoplasmic reticulum to the plasma membrane of functional DUOX1. **Subunit:** May interact with NUMB. **Subcellular Location:** Membrane; Multi-pass membrane protein **Tissue Specificity:** Specifically expressed in thyroid gland. Also detected in esophagus. **Similarity:** Belongs to the DUOXA family. **Database links:**

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.